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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/559,206	04/26/2000	Daniel Manhung Wong	OR00-01101	1513

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EXAMINER

TO, BAOQUOC N

ART UNIT	PAPER NUMBER
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2162

DATE MAILED: 04/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/559,206	Applicant(s) WONG, DANIEL MANHUNG	
	Examiner Baoquoc N To	Art Unit 2162	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 November 2004.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3,5,7-9,11-13,15-17,19-21 and 23-34 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☒ Claim(s) 1-3,5,7-9,11-13,15-17,19-21 and 23-25 is/are allowed.
6) ☒ Claim(s) 26,29 and 32 is/are rejected.
7) ☒ Claim(s) 27,28,30,31,33 and 34 is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1, 3, 5, 7-9, 11-13, 15-17, 19-21, 23-34 are pending in this application, claims 26, 29 and 32 are amended in the amendment filed on 11/22/2004.

Response to Arguments

2. Applicant's arguments with respect to claims 26, 29 and 32 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 26, 29 and 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maier et al. (US. Patent No. 5,625,815) in view of Klein (US. Patent No. 5,404,509)

Regarding on claims 26, 29 and 32, Maier teaches a method for selectively auditing accesses to a relational database, comprising:

Receiving a database operation for the relational database (col. 3, lines 65-67);

Processing the database operation to produce a database operation result (col. 6, lines 35-36), wherein processing the database operation includes:

Creating the auditing records for rows in relational database that are accessed by the database operations, wherein the selected rows satisfy the auditing condition (col. 4, lines 10-12); and

Recording the audit record in an audit record store (col. 4, line 12); and
returning the database operation result (col. 6, lines 35-39).

Maier does not explicitly teach selectively auditing an access to the relational database based on an auditing condition, wherein the auditing condition specified a condition based on a value of a field in a row in the relational database. However, Klein discloses selectively auditing an access to the relational database based on an auditing condition, wherein the auditing condition specified a condition based on a value of a field in a row in the relational database (col. 11, lines 32-43). This suggests the retrieved row based on the values of field which satisfy the auditing condition. Therefore, it would have been obvious to one ordinary skill in the art at the time of the invention was made to modify Maier's system to include field values which satisfy the auditing condition as taught by Klein in order to allow rows that satisfy the request are retrieved for further processing.

Object for Allowable

4. Claim 27-28, 30-31 and 33-34 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Allowable Subject Matter

5. Claims 1, 3, 5, 7-9, 11-13, 15-17, 19-21 and 23-25 are allowable over prior art of records.

None of the prior art made of record neither teach or suggest “selectively auditing an access to the relational database, wherein selectively auditing the access involves automatically modifying the query prior to processing the query, so that processing the query causes an audit record to be created and records only for rows in relational tables that are accessed by the query and the satisfy an auditing condition; wherein satisfying the auditing condition allows selective auditing of the query and not for other rows, wherein the auditing condition specifies a condition based on a value of field in a row in the relational database, and wherein satisfying the auditing on condition allows selective auditing of the query, wherein if the query includes a select statement, inserting a case statement into the select statement that cause the audit record to be created and recorded if the auditing condition is satisfied, wherein inserting the case statement into the query further comprises: inserting the case statement into the query, allowing a query processor to allocate buffer for the query, removing the case statement from the query, allowing the query generate a query plan for the query, and scheduling the case statement near the end of the query plan to ensure that the case statement is evaluated only after other conditions of the query are satisfied, so that the auditing record is created only for rows that are actually accessed by the query” in conjunction with other claims limitations “receiving a query for the relational database; processing the modified query to produce a query result, wherein processing the modified query includes, creating the auditing records for rows in relational tables that are accessed by the query and that satisfy the auditing condition, and recording the audit record store; and returning query result.”

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Contact Information

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is at 571-272-4041 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached at 571-272-4107.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231.

Art Unit: 2162

The fax numbers for the organization where this application or proceeding is assigned are as follow:

(703) 872-9306 [Official Communication]

Baoquoc N. To

April 14, 2005


JEAN M. CORRIELUS
PRIMARY EXAMINER